

SAFETY DATA SHEET

MATRIX BIOLAGE COLORCARE SHAMPOO

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	07/19/2023	00-11-400000005661	Date of first issue: 07/19/2023

SECTION 1. IDENTIFICATION

Product name : MATRIX BIOLAGE COLORCARE SHAMPOO

Manufacturer or supplier's details

US Address : L'Oreal USA products INC
133, Terminal Avenue Clark
NJ
07066
NJ

Canadian Address : L'Oreal Canada
4895, Rue Hickmore Ville St-Laurent

H4T1K5

Telephone :

Emergency telephone

INFOTRAC : 1-800-535-5053 (International: +1 352-323-3500) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Recommended use of the chemical and restrictions on use

Recommended use : Personal care product used for cosmetic effect.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation : Category 2

Serious eye damage : Category 1

Reproductive toxicity : Category 2

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H315 Causes skin irritation.
H318 Causes serious eye damage.
H361d Suspected of damaging the unborn child.

Precautionary Statements : P101 If medical advice is needed, have product container or label at hand.

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P102 Keep out of reach of children.

P103 Read label before use.

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
SODIUM LAURETH SULFATE	68891-38-3	$\geq 10 - < 20$
COCO-BETAINE	66455-29-6	$\geq 1 - < 5$
HEXYLENE GLYCOL	107-41-5	$\geq 0.1 - < 1$
SALICYLIC ACID	69-72-7	$\geq 0.1 - < 1$

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: Consult a physician.
If inhaled	: If symptoms persist, call a physician.
In case of skin contact	: If skin irritation persists, call a physician. If on skin, rinse well with water.
In case of eye contact	: In the case of contact with eyes, rinse immediately with plenty

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If swallowed	:	of water and seek medical advice. Remove contact lenses. If eye irritation persists, consult a specialist. Rinse mouth with water. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	Causes skin irritation. Causes serious eye damage. Suspected of damaging the unborn child.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	No hazardous combustion products are known
Further information	:	Prevent fire extinguishing water from contaminating surface water or the ground water system. Standard procedure for chemical fires.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Avoid contact with eyes. For personal protection see section 8.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions.
Further information on storage stability	:	No decomposition if stored and applied as directed.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
HEXYLENE GLYCOL	107-41-5	TWA (Vapor)	25 ppm	ACGIH
		STEL (Vapor)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m3	ACGIH
		C	25 ppm 125 mg/m3	NIOSH REL
		C	25 ppm 125 mg/m3	OSHA P0

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Applicable for industrial settings only. Nitrile rubber

Eye protection : Applicable for industrial settings only.
Tightly fitting safety goggles

Skin and body protection : Applicable for industrial settings only.
Work uniform or laboratory coat.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : white

Odor : characteristic

pH : 5.0 - 5.6

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : > 199 °F / > 93 °C

Method: ISO 3679

Upper explosion limit / Upper flammability limit : No data available

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Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	1.018 - 1.022 (68 °F / 20 °C)
Density	:	1.02 g/cm3 (68 °F / 20 °C)
Solubility(ies)		
Water solubility	:	No data available
Partition coefficient: n-octanol/water	:	Not applicable
Autoignition temperature	:	No data available
Decomposition temperature	:	Not applicable
Viscosity		
Viscosity, kinematic	:	No data available
Dust explosion class	:	Not applicable
Particle size	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	No data available
Incompatible materials	:	Not applicable
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
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Components:

SODIUM LAURETH SULFATE:

Acute oral toxicity	:	LD50 (Rat, male and female): 4,100 mg/kg
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Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

COCO-BETAINE:

Acute oral toxicity : LD50 (Mouse): 2,640 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 620 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

HEXYLENE GLYCOL:

Acute oral toxicity : LD0 (Rat, male and female): >= 2,000 mg/kg
Method: OECD Test Guideline 420
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LD50 (Rat, male): Exposure time: 8 h
Test atmosphere: vapor
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat, male and female): 13.3 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

SALICYLIC ACID:

Acute oral toxicity : LD50 (Rat, male): 891 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LCLo (Rat, female): 0.7 mg/l
Exposure time: 7 h
Test atmosphere: vapor
Method: OECD Test Guideline 412
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

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Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : May cause skin irritation in susceptible persons.

Components:

SODIUM LAURETH SULFATE:

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: Skin irritation

COCO-BETAINE:

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: Skin irritation

HEXYLENE GLYCOL:

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: Skin irritation

SALICYLIC ACID:

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

SODIUM LAURETH SULFATE:

Result	: Irreversible effects on the eye
Method	: OECD Test Guideline 405

COCO-BETAINE:

Species	: Rabbit
Result	: Risk of serious damage to eyes.
Method	: OECD Test Guideline 405

HEXYLENE GLYCOL:

Species	: Rabbit
Result	: Eye irritation

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Method : OECD Test Guideline 405

SALICYLIC ACID:

Species : Rabbit
Result : Irreversible effects on the eye
Method : Draize Test

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:

SODIUM LAURETH SULFATE:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitization.

COCO-BETAINE:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitization.

HEXYLENE GLYCOL:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitization.

SALICYLIC ACID:

Routes of exposure : Skin contact
Species : Mouse
Result : Does not cause skin sensitization.

Germ cell mutagenicity

Not classified based on available information.

Components:

SODIUM LAURETH SULFATE:

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

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COCO-BETAINE:

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

HEXYLENE GLYCOL:

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

SALICYLIC ACID:

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity

Not classified based on available information.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Suspected of damaging the unborn child.

Components:

SODIUM LAURETH SULFATE:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

COCO-BETAINE:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

HEXYLENE GLYCOL:

Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

SALICYLIC ACID:

Effects on fertility : Species: Rat
Fertility: NOAEL: 250 mg/kg body weight
Method: OECD Test Guideline 416

Effects on fetal development : Species: Rabbit
Developmental Toxicity: 250
Result: Teratogenic effects.

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Reproductive toxicity - Assessment : Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Components:

SODIUM LAURETH SULFATE:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

COCO-BETAINE:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

HEXYLENE GLYCOL:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

SALICYLIC ACID:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity

Components:

SODIUM LAURETH SULFATE:

Species : Rat, male and female
NOAEL : > 225 mg/kg
Application Route : Oral
Exposure time : 90 d
Method : OECD Test Guideline 408

Species : Mouse, male and female
NOEL : 68 mg/kg
Application Route : Dermal
Exposure time : 91 d
Method : OECD Test Guideline 411

Aspiration toxicity

Not classified based on available information.

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Further information

Product:

Remarks : The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

SODIUM LAURETH SULFATE:

Toxicity to fish	: LC50 (Danio rerio (zebra fish)): 7.1 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 7.4 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: EC50 (Desmodesmus subspicatus (green algae)): 27.7 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 EC10 (Desmodesmus subspicatus (green algae)): 4.4 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to fish (Chronic toxicity)	: NOEC (Oncorhynchus mykiss (rainbow trout)): 0.2 mg/l Exposure time: 28 d Method: OECD Test Guideline 204
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): 0.27 mg/l Exposure time: 21 d Method: OECD Test Guideline 211
Toxicity to microorganisms	: EC10 (Pseudomonas putida): > 10 mg/l Exposure time: 16 h Method: DIN 38412

COCO-BETAINE:

Toxicity to fish	: LC50 (Danio rerio (zebra fish)): 4.44 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 7.76 mg/l Exposure time: 48 h Method: OECD Test Guideline 202

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Toxicity to algae/aquatic plants	: EC50 (Pseudokirchneriella subcapitata (green algae)): 1.7 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Pseudokirchneriella subcapitata (green algae)): 0.38 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): 2.99 mg/l Exposure time: 21 d Method: OECD Test Guideline 211
Toxicity to microorganisms	: NOEC (activated sludge): > 27 mg/l

HEXYLENE GLYCOL:

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 8.96 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 5,410 mg/l Exposure time: 48 h Method: OECD Test Guideline 202

SALICYLIC ACID:

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 1,370 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 870 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Daphnia magna (Water flea)): > 10 mg/l Exposure time: 21 d Method: OECD Test Guideline 211
Toxicity to microorganisms	: EC10 (Pseudomonas putida): 140 mg/l Exposure time: 16 h

Persistence and degradability

Components:

SODIUM LAURETH SULFATE:

Biodegradability	: Result: Readily biodegradable.
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Biodegradation: 77 %
Exposure time: 28 d
Method: OECD Test Guideline 301D

COCO-BETAINE:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 63 - 79 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

HEXYLENE GLYCOL:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 81 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

SALICYLIC ACID:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 90 %
Exposure time: 4 d

Bioaccumulative potential

Components:

SODIUM LAURETH SULFATE:

Partition coefficient: n-octanol/water : log Pow: 0.3
pH: 6.1
Method: OECD Test Guideline 123

COCO-BETAINE:

Partition coefficient: n-octanol/water : log Pow: -0.4
pH: 6.86
Method: Regulation (EC) No. 440/2008, Annex, A.8

SALICYLIC ACID:

Bioaccumulation : Bioconcentration factor (BCF): > 1,000

Partition coefficient: n-octanol/water : log Pow: 2.25
Method: OECD Test Guideline 117

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I

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Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil. Send to a licensed waste management company.
Contaminated packaging	:	Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation

49 CFR

Not regulated as a dangerous good

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Reproductive toxicity
Skin corrosion or irritation

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Serious eye damage or eye irritation

SARA 313

: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

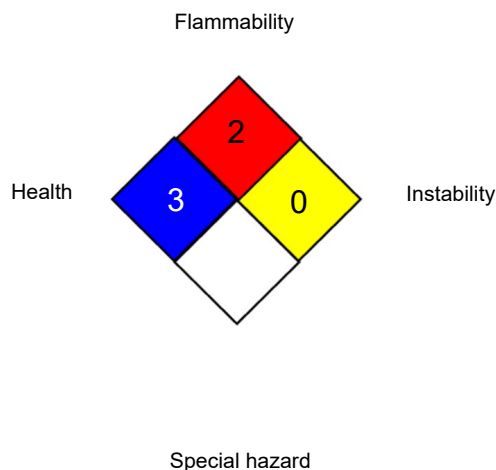
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	*	3
FLAMMABILITY		2
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL : USA. NIOSH Recommended Exposure Limits
OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
ACGIH / TWA : 8-hour, time-weighted average
ACGIH / STEL : Short-term exposure limit
NIOSH REL / C : Ceiling value not be exceeded at any time.
OSHA P0 / C : Ceiling limit

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AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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